

Converting Colors

XYZ(84.8058, 90.6503,
103.4714)

Have a look what the booklet for
XYZ(84.8058, 90.6503, 103.4714)
contains.

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Color

**XYZ(84.8032, 90.6465,
103.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF6FA
RGB	236, 246, 250
RGB Percent	93%, 96%, 98%
CMY	0.0745, 0.0353, 0.0196
CMYK	0.06, 0.02, 0.00, 0.02
HSL	197°, 58%, 95%
HSV	197°, 6%, 98%
XYZ	84.8032, 90.6465, 103.4694
YIQ	243.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

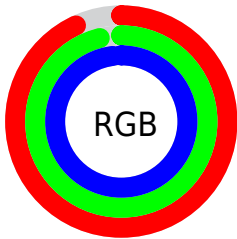
Format	Color
R _Y B	236, 242, 250
Decimal	15529722
CIE Lab	96.26, -2.55, -3.07
CIE LCh	96, 3.989, 230.311
Yxy	90.6465, 0.3040, 0.3250
Android (android.graphics.Color)	4293719802 (0xFFE6CF6FA)
YUV	243.4660, 3.2213, -6.5477
Hunter-Lab	95.2085, -7.6229, 2.2115

Details

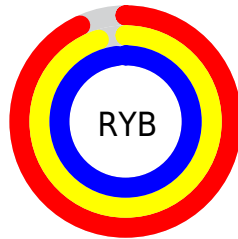
The XYZ color **84.8032, 90.6465, 103.4694** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7252, 88.6997, 91.9611**, and the grayscale version is **85.5441, 89.9990, 98.0089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9735, 50.4253, 58.2962** is the 20% darker color. If you saturate the color by 10%, you get **74.9483, 82.4078, 102.4000**, and if you desaturate by 10%, it is **93.6657, 98.5024, 104.5200**.

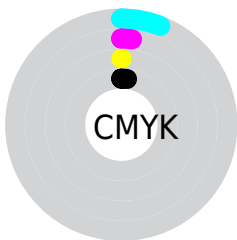
Distribution



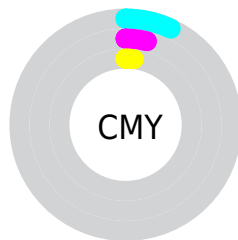
- Red (93%)
- Green (96%)
- Blue (98%)



- Red (93%)
- Yellow (95%)
- Blue (98%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8032, 90.6465, 103.4694 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 84.8032, 90.6465, 103.4694 by changing the saturation by 10% instead.

84.8032, 90.6465,
103.4694

84.8032, 90.6465,
103.4694

499.4701,
530.1317, 592.6010

64.0007, 68.5170,
78.5682

139.0136,
148.2361, 168.0101

46.9129, 50.3184,
58.0216

173.1523,
184.4649, 208.4867

33.1745, 35.6665,
41.4112

212.4671,
226.1623, 254.9921

22.4200, 24.1767,
28.3184

257.3233,
273.7127, 307.9449

14.2842, 15.4648,
18.3247

308.0864,
327.5004, 367.7637

8.4016, 9.1462,
11.0115

365.1217,

4.4069, 4.8367,

387.9099, 434.8669

5.9603

428.7945,
455.3255, 509.6732

■ 1.9348, 2.1518,
2.7526

■ 0.5970, 0.6935,
0.9697

■ 84.8032, 90.6465,
103.4694

■ 84.8032, 90.6465,
103.4694

■ 74.9483, 82.4078,
102.4000

■ 93.6657, 98.5024,
104.5200

■ 66.2872, 74.9045,
101.4082

■ 94.2556, 99.6822,
104.7167

■ 58.7701, 68.1120,
100.4933

■ 52.3408, 61.9999,
99.6524

■ 46.9379, 56.5351,
98.8823

■ 42.4937, 51.6812,
98.1797

■ 38.9316, 47.3973,
97.5406

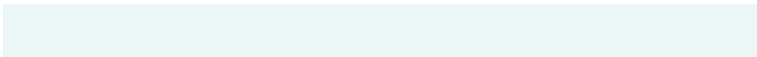
■ 36.1625, 43.6359,
96.9605

■ 34.0762, 40.3387,
96.4340

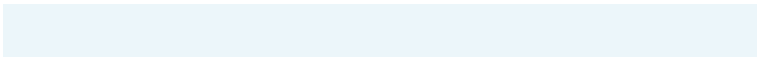
Harmonies

Analogous

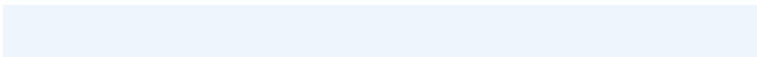
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1739, 90.6465, 100.8321



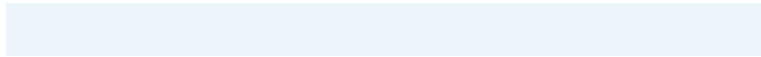
84.8032, 90.6465, 103.4694



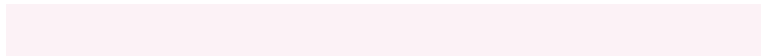
85.7987, 90.6465, 104.8369

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8032, 90.6465, 103.4694



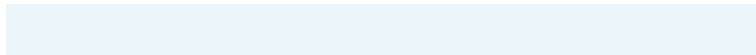
88.2743, 90.6465, 99.7292



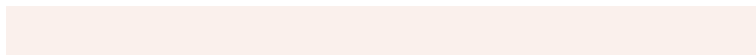
85.4193, 90.6465, 93.0856

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84.8032, 90.6465, 103.4694



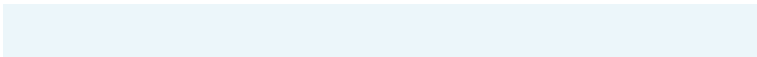
85.7252, 88.6997, 91.9611

Split Complementary

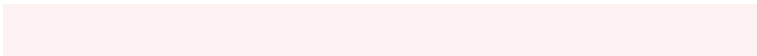
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5159, 90.6465, 92.8047



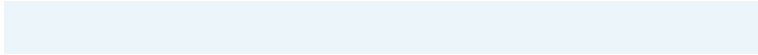
84.8032, 90.6465, 103.4694



88.1705, 90.6465, 96.5955

Square

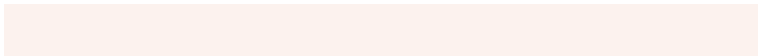
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



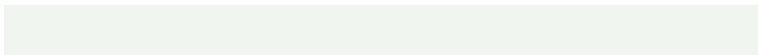
84.8032, 90.6465, 103.4694



87.8069, 90.6465, 102.6472



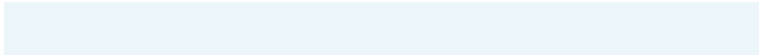
87.5247, 90.6465, 94.0768



84.5275, 90.6465, 94.8527

Rectangle

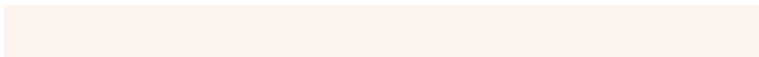
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8032, 90.6465, 103.4694



86.5387, 90.6465, 104.8250



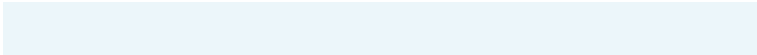
87.5247, 90.6465, 94.0768



85.7759, 90.6465, 92.8158

Sweetspot

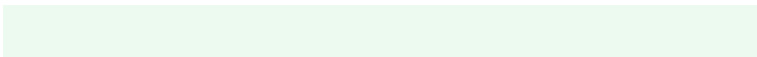
The Sweet Spot groups the original color and five complimentary colors.



84.8058, 90.6503, 103.4714



92.7358, 98.1202, 108.6591



84.5024, 92.4949, 95.8132



19.8736, 21.0215, 23.2601



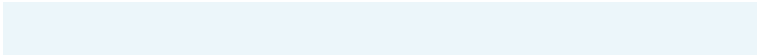
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8058, 90.6503, 103.4714



87.1812, 93.5624, 108.0721



82.7252, 86.4892, 102.7779



17.7341, 19.0639, 22.1303



17.7938, 20.9431, 51.0782



1.7384, 2.1204, 4.7608

Inverse Universe

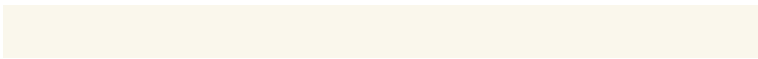
The Inverse Universe completely reimagines the original color for something new.



86.0564, 86.9706, 99.4445



88.8080, 88.8114, 102.8258



87.8167, 92.8828, 92.6582



18.0945, 18.0147, 20.9673



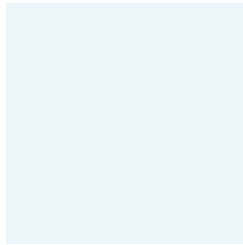
25.2735, 12.5251, 23.9465



2.3864, 1.1783, 2.4580

Previews

White Background



This preview shows how the XYZ color 84.8032, 90.6465, 103.4694 looks on a white background.

Color Contrast Check

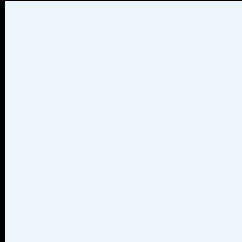
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 84.8032, 90.6465, 103.4694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

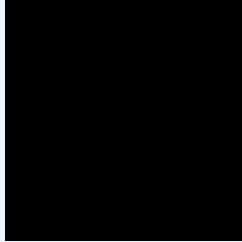
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

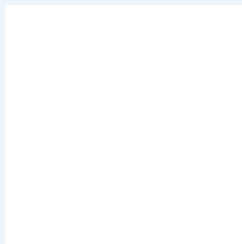
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8032, 90.6465, 103.4694

Background



This preview shows how black text looks on a background with the XYZ color 84.8032, 90.6465, 103.4694.



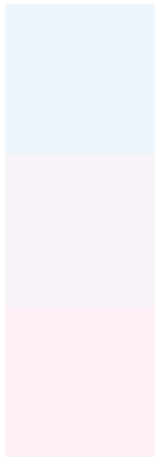
This preview shows how white text looks on a background with the XYZ color 84.8032, 90.6465,

103.4694.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.8032, 90.6465, 103.4694

Protanopia

87.3516, 90.6527, 101.7007

Deuteranopia

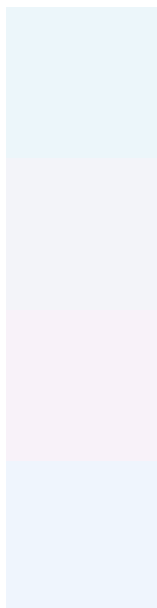
89.3434, 90.3575, 101.5388



Tritanopia

86.6763, 90.6221, 107.5312

Trichromacy



Original Color

84.8032, 90.6465, 103.4694

Protanomaly

86.4117, 90.5956, 102.5548

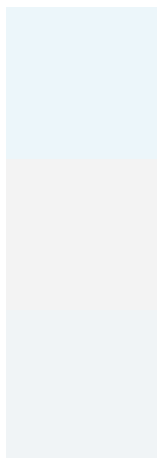
Deuteranomaly

87.5624, 90.3003, 102.4372

Tritanomaly

85.9786, 90.7474, 105.9129

Monochromacy



Original Color

84.8032, 90.6465, 103.4694

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9204, 89.8805, 100.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8032, 90.6465, 103.4694 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(236, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(236, 246, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 246, 250) }
```

Border

The CSS property to change the border of an element to XYZ 84.8032, 90.6465, 103.4694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 246, 250) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(236, 246, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(236, 246, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(236, 246,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8032, 90.6465, 103.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 246, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
246, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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